IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. (Original) A reciprocating compressor comprising:

a piston which reciprocates in a compression space of a cylinder by being engaged with a reciprocating motor and which has a suction path connected to the compression space of the cylinder;

a suction valve mounted at an end surface portion of the piston to control gas suction by opening and closing the suction path of the piston;

a discharging valve assembly mounted at a discharge side of the cylinder to control gas discharge by opening and closing the compression space; and

an adhesion preventer positioned at a contact portion between the end portion surface of the piston and the suction valve to minimize adhesion of the piston and the suction valve due to oil by reducing a contact area between the piston and the suction valve.

2. (Original) The compressor of claim 1, wherein the adhesion preventer is provided at an end portion surface of the piston.

3. (Original) The compressor of claim 2, wherein the adhesion preventer

comprises a groove.

4. (Original) The compressor of claim 3, wherein the adhesion preventer is a groove having a depth of about 20-200μm.

5. (Original) The compressor of claim 1, wherein an oil back flow preventing protrusion is provided at the end portion of the suction path located at a front surface of the piston.

6. (Original) The compressor of claim 5, wherein the adhesion preventer is provided at the suction valve.

7. (Original) The compressor of claim 6, wherein the adhesion preventor is a groove.

8. (New) A reciprocating compressor comprising:

a piston which reciprocates in a compression space of a cylinder by being engaged with a reciprocating motor, the piston having an adhesion preventing groove thereon;

a suction valve mounted at an end surface of the piston to control gas suction by opening and closing the suction path of the piston; and

a discharging valve assembly mounted at a discharge side of the cylinder to control gas discharge by opening and closing the compression space.

9. (New) The compressor of claim 8, wherein the adhesion preventing groove has a depth about 20-200μm.

10. (New) The compressor of claim 8, wherein a gas back flow preventing protrusion is formed at each of a plurality of suction holes provided in the suction path.

11. (New) A reciprocating compressor comprising:

a piston which reciprocates in a compression space of a cylinder by being engaged with a reciprocating motor, the piston having a suction path connected to the compression space therein;

a suction valve mounted at an end surface of the piston to control gas suction by opening and closing the suction path of the piston, the suction valve having an adhesion preventing groove thereon; and

a discharging valve assembly mounted at a discharge side of the cylinder to control gas discharge by opening and closing the compression space.

12. (New) The compressor of claim 11, wherein the adhesion preventing groove has a depth about 20-200μm.